Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Original) A cementing slurry comprising:
 - an aluminous cement the alumina content of which is at least 30%;
 - a microsilica with a granulometry in the range 0.1 to 20 μm the percentage of which is less than 35% by weight with respect to the weight of cement;
 - mineral particles with a granulometry in the range 0.5 to 500 µm
 the percentage of which is less than 35% by weight with respect to
 the cement, the percentage of said particles remaining below the
 percentage of said microsilica;
 - a hydrosoluble fluidifying agent the percentage of which is in the range 0.2% to 3% with respect to the weight of cement;
 - a retarding agent to control the setting time of the slurry;
 - water in a quantity of at most 40% with respect to the cement.
- (Currently Amended) A slurry according to claim 1, in which the hydrosoluble polymer is at least one member selected from the group consisting of a polynaphthalene sulphonate and/or and a polyxyethylene polycarboxylate.
- (Currently Amended) A slurry according to claim 1, in which the water content is below 30%, in particular equal to 27%.
- 4. (Previously Presented) A slurry according to claim 1, further

- comprising a quantity, in aqueous solution, of at least one associative polymer containing hydrophilic motifs Hy and hydrophobic motifs Hb containing C1 to C30 alkyl, aryl or alkyl-aryl groups.
- (Original) A slurry according to claim 4, in which said polymer has a molecular mass in the range 10⁴ to 5 x 10⁶ daltons and a number of hydrophobic motifs Hb in the range 0.5% to 60%.
- 6. (Previously Presented) A slurry according to claim 1, comprising (with respect to the weight of cement):
 - 24% of microsilica;
 - 20% of mineral particles;
 - 0.5% of fluidifying polymer.
- 7. (Previously Presented) A slurry according to claim 4, comprising 0.5% of associative polymer.
- 8. (Previously Presented) A method for using a slurry, comprising cementing a well in an acidic environment with the slurry according to claim 1.
- (New) The method according to claim 8, wherein the cementing produces a cement with a compressive strength of at least 90 MPa.
- 10. (New) The method according to claim 8, wherein the cementing produces a cement with a compressive strength of at least 100 MPa.
- 11. (New) A slurry according to claim 1, in which the water content is 27%.
- 12. (New) A slurry according to claim 1, in which a cement produced from the slurry has a compressive strength of at least 90 MPa.
- 13. (New) A slurry according to claim 1, in which a cement produced from

the slurry has a compressive strength of at least 100 MPa.